SHEET LIST

A - 00 COVER SHEET

L - 01 LANDSCAPE PLAN

L - 02 LANDSCAPE SCHEDULE

A - 01 SITE PLAN

A - 02 COMMUNITY PLAN

A - 03 DEMOLITION PLAN

A - 04 FIRST FLOOR PLAN

A - 05 PARKING AREA TABLE

A - 06 WEST EXTERIOR ELEVATION

A - 07 EAST EXTERIOR ELEVATION

A - 08 SOUTH EXTERIOR ELEVATION

A - 09 NORTH EXTERIOR ELEVATION

A - 10 WALL SECTION

A - 11 NOT USED

A - 12 EXTERIOR FINISHES

A - 13 TREE PLAN

A - 14 SITE SECTIONS

A - 15 FENCING PLAN

A - 16 OPEN SPACE PLAN

A - 17 COMMUNITY FACILITY PLAN

A - 18 CIRCULATION PLAN

A - 19 TRASH ENCLOSURE

A - 20 SIGN SCHEDULE

A - 21 PHOTOMETRIC PLAN

A - 22 LIGHTING

A - 23 LIGHTING

A - 24 PHOTOSIMULATION 1

A - 25 PHOTOSIMLATION 2

A - 26 PHOTOSIMULAITON 3

A - 27 PHOTOSIMJULATION 4

A - 28 ROOF PLAN A - 29 AREA PLAN

ARCHITECT

AMY VANDER HEYDEN ARCHITECTS

5506 SEAN CIRCLE, #112 SAN JOSE, CA 95123 p. 925.353.0363

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BKF ENGINEERS

255 SHORELINE DRIVE, SUITE 200 REDWOOD CITY, CA 94065 p. 650.482.6427

GEOTECHNICAL ENGINEER

CORNERSTONE EARTH GROUP, INC.

1220 OAKLAND BLVD, SUITE 200 WALNUT CREEK, CA 94596 p. 925.988.9500

ARBORIST

TREES, BUGS, DIRT

MICHAEL BAEFSKY TREESBUGSDIRT.COM p. 925.254.7950

IRRIGATION CONSULTANT

JDE ASSOCIATES

P.O. Box 2291 DANVILLE, CA 94526 p. 925.867.3339





REVISED: DEC 23, 2020 DEC 11, 2020

3. All plant materials have been selected from the following:

+ City of Clayton "Master Street Tree List"

+ WULCOS Project "Water-Use Classification of Landscape Species" California Department of Water Resources

+ Bio-swale Trees and Shrubs have been selected from the Contra Costa County Stormwater C-3 Guidebook _8" Concrete Band Fibar Bark





Lagerstroemia xf 'Tuscarora' Quercus lobata BIO-SWALE TREE: Acer negundo 'Varigata'

Cercis occidentalis

Fraxinus o. 'Raywood'

24" Boxl VARIGATED BOX ELDER 60'W Low WESTERN REDBUD RAYWOOD ASH

CRAPE MYRTLE 20'w

WATER-USE

WATER-USE

Moderate

Low

Low

Low

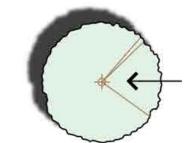
- SHRUBS: WATER-USE <u>5-Gal</u> AUSTRALIAN FUCSHIA Correa Dusky Bells Low Dietes irridioides FORTNIGHT LILY Low LAVENDER Lavandula spp. Low Rhaphiolepis u. 'Minor' YEDDA HAWTHORN Low Rosea californica CALIFORNIA ROSE Low MEXICAN SAGE Salvia leucantha Low BUSH GERMANDER Teucrium fruticans Low

24" Boxl

VALLEY OAK



GROUND COVER: <u>1-Gal</u> KURAPIA WATER-USE Phyla nodiflora Low



EXISTING TREES TO REMAIN

(E) Native Grasses WATER EFFICIENT LANDSCAPE STATEMENT

required by local jurisdictions while achieving the goal of effectively providing the landscape with water by the means of high efficiency spray irrigation to the turf and ground cover areas and drip irrigation bubblers to restrict shrub planting and shrub mass planting area as applicable.

Irrigation systems shall be designed to accommodate recycled water where available either currently or in the future as directed by the Local Water Purveyor. Recycled water systems shall be designed in accordance with Local and State codes.

Irrigation systems for landscapes greater than 5,000 SF shall have a dedicated water meter for irrigation.

A water efficient landscape work sheet shall be included with hydrozone information table, water budget calculations and irrigation operating schedules.

A state of the art ET based self-adjusting irrigation controller shall be specified for this project to automatically control the water allocated to each valve grouped per individual hydrozone (based on plant type and exposure). This shall include rain and flow sensors as applicable for a higher level of water conservation.

Tree bubblers shall be included on separate circuits to isolate the irrigation to trees and provide deep watering to promote a deeper root zone.

Spray irrigation systems for ground cover areas greater than 81 wide in any direction shall be designed with commercial series spray heads with high efficiency nozzles that include internal check valves and pressure compensating devices. The heads shall be designed in a head to head layout to achieve an even level of precipitation throughout the irrigation system. The nozzles will deliver water at a minimum of 70% efficiency with a low precipitation rate that matches the infiltration rate of the soil.

The drip irrigation system will incorporate pressure compensating drip bubblers with $\frac{1}{4}$ " drip tubes to each plant which delivers water at 90% efficiency at an application rate that matches the soil type.



Notes

related City and Regional standards.

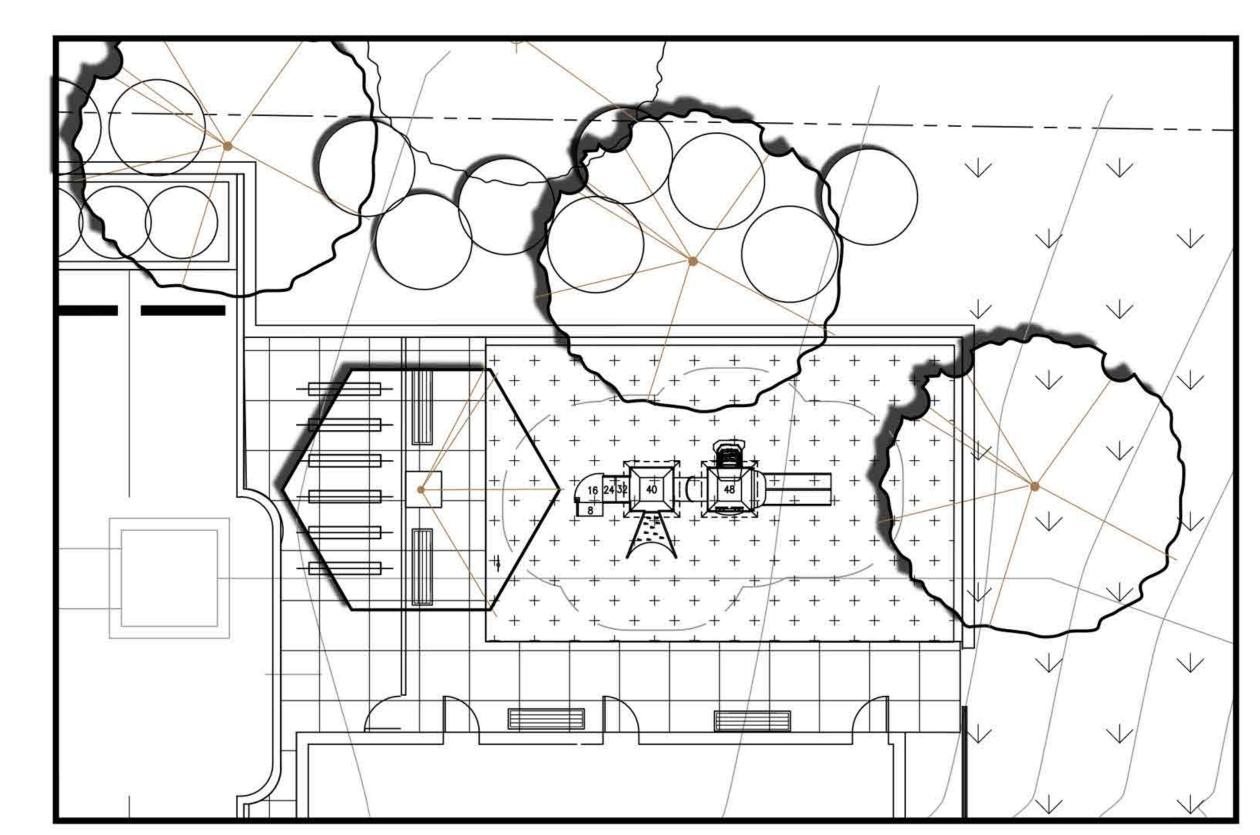
1. All landscape and irrigation shall conform to the standards of the City

wide landscape regulations and guidelines and all other Landscape

Preliminary

Clayton Community Church

Clayton, California



Play Area Ages 2-5 Years n.t.s.



Play Structure



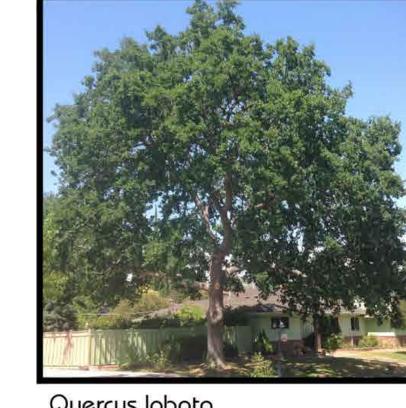
Bicycle Racks



Fraxinus a. 'Raywood'



Acer N. 'Varigata'



Quercus lobata



Cercis occidentalis



Lagerstroemia xf 'Tuscarora'



Salvia clevelandii



Correa 'Dusky Bells'



Dietes irridioides



Arctostaphylos uva-ursi



Rosa californica



Lavandula angustifolia



Teucrium fruticans



Achillea millifolium



Muhlenbergia rigens



Juncus patens



Salvia leucantha



Rhaphiolepis u. 'Minor'

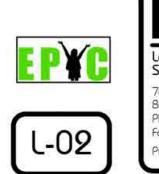


Phyla nodiflora











SHEET NOTES:

- 1. Net parcel size: 183,469 Gross parcel size: 201,964
- 2. Floor ARea Ration (FAR):
 - 13,823 SF / 201,964 SF = 0.068 = 6.8%
- 3. Allowable building area:

35% of 183,469 = 64,214 sf

Proposed building area: 13,823 sf

Design Height 25'- 8" Number of Stories: 1

4. Bicycle parking spaces: 17

Bicycle parking spaces provided: 18 Clayton Municipal Code (17.37.040)

5. Parking Stalls Required: 156 Parking Stalls Provided: 156 Specifics:

-6 Accessible Stalls

1 Van Stall per CA Bldg Code, Part 2, Vo. 1 Table 11B-208.2

-13 Compact Stalls

Clayton Municipal Code 17.37.080

-16 Marked with

"Clear Air/EV/Vanpool

>10 of the 16 to have conduit

run for future EV -121 Car Stalls

Total: 156 Stalls

6. Refer to Civil Drawings for biorentention, vegetation and optimization of site layout

7. Refer to Landscape Drawings for

landscaping details.

8. Refer to Demo plan & Tree plan for tree information

Keynotes: Property Line

Legend

Paving

Gravel

New Tree

Existing Tree

Planting Area

To Remain

Scope of Work

Trash Enclosure

Bicycle Rack

Playground 3.

Wooden Fence

5. Sign

Curb cut for driveway

Existing house to remain

Sidewalk

Expanded road, see civil

10. Protected tree

11. Wooden deck

12. Porch

13. Existing fence to remain

14. Main entrance canopy

15. Public Plaza with benches & stamped concrete

16. Patio

17. Courtyard

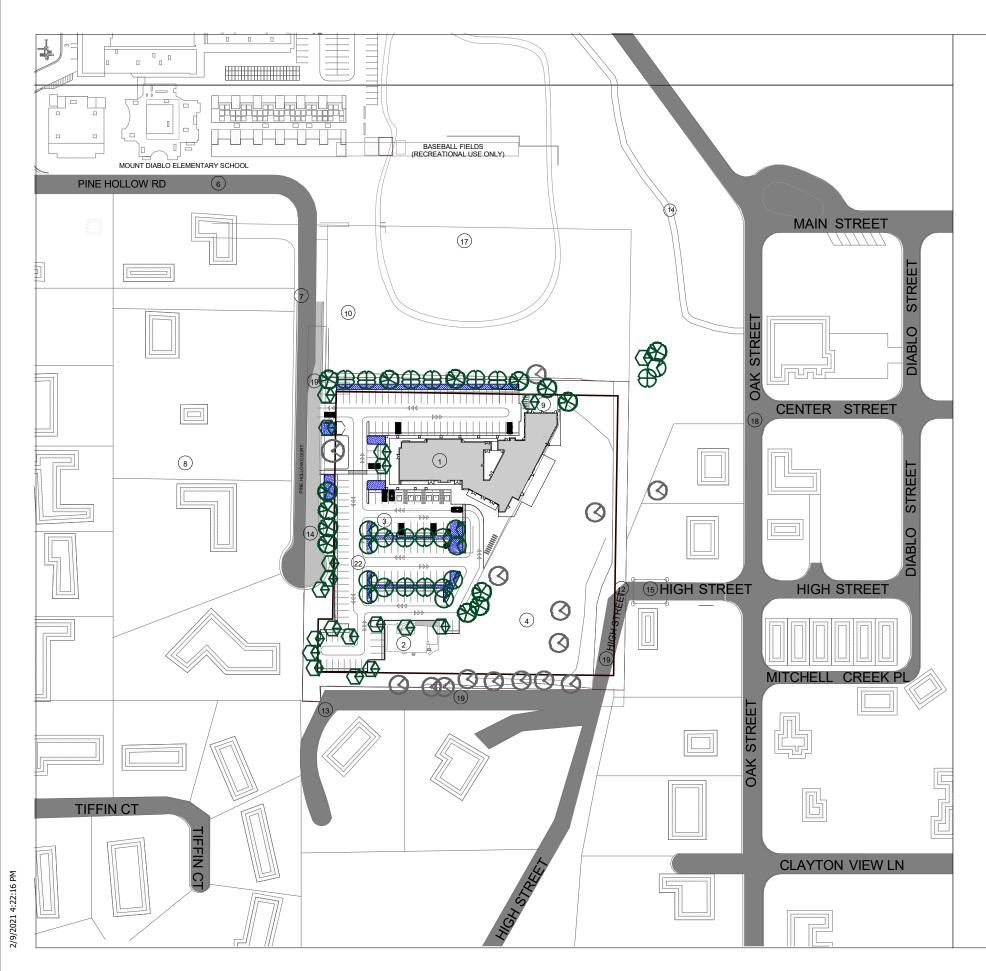
18. Elementary School

19. Loading Space municipal code section reference

REVISED: FEB 09, 2021 DEC 11, 2020

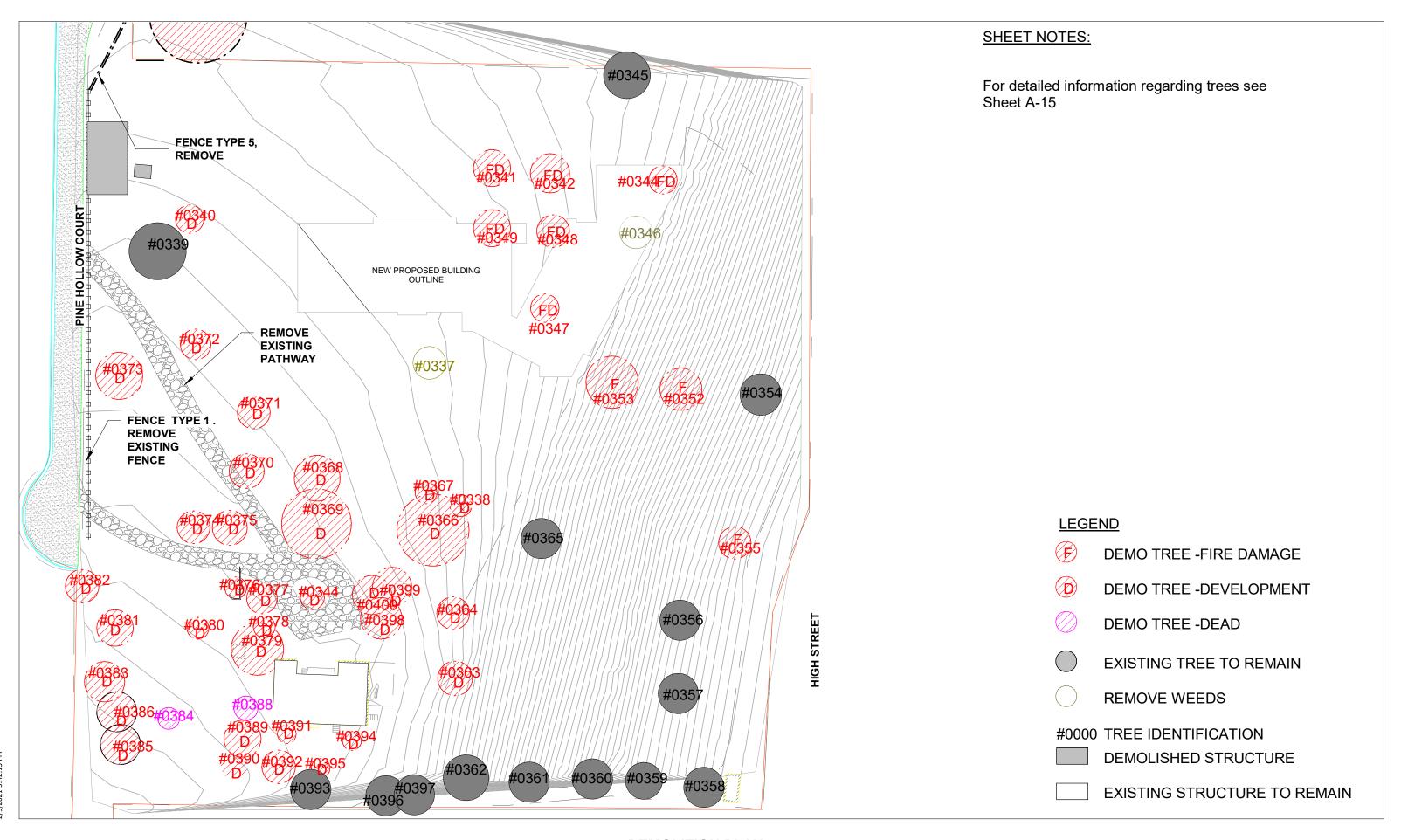
20. Retention Basin

ARCHITECTURAL SITE PLAN



KEYNOTES:

- 1. NEW PROPOSED CHURCH
- 2. EXISTING HOUSE TO REMAIN
- 3. ASPHALT CONCRETE PAVED PARKING LOT.
- 4. HILL WITH 3:1 SLOPE TO REMAIN
- 5. EXISTING ROAD TO THE PROPERTY
- 6. SCHOOL PICKUP & DROP OFF AREA
- 7. CURRENTLY SINGLE LANE, DEAD END ROAD PAST THE SCHOOL
- 3. SINGLE FAMILY HOMES. ADJACENT TO THE SITE
- 9. CHILDRENS PLAYGROUND
- 10. SCHOOL PARKING LOT
- 11. EXISTING WALKING PATH FROM DOWNTOWN UP TO THE SCHOOL
- 12. END OF PUBLIC RIGHT OF WAY
- 13. EXISTING EASEMENT
- 14. EXPANDED ROAD AND SIDEWALK FULL LENGTH OF COURT
- 15. BRIDGE
- 16. DRIVE AISLES ON SITE ARE 25' WIDE FOR FIRE TRUCK & TWO LANE TRAFFIC ACCESS
- 17. SPORTS FIELD
- 18. DOWNTOWN CLAYTON, COMMERCIAL AREA
- 19. EXISTING PRIVATE STREET UP THE HILL BEHIND THE PROPERTY TO PRIVATE RESIDENCES









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SOUND BOX	30 SF	0.6
STAGE	716 SF	14.32
LOBBY	901 SF	18.03
SANCTUARY	3075 SF	61.5
Grand total: 4	4722 SF	94.44

TOTAL AREA: 4722 SF PARKING SPACES REQUIRED: 94

OCCUPANCY TYPE: GROUP A-3 PARKING RATIO 1:50

Area Scheo	dule (EDUCA	TION)
Name	Area	Parking Ratio

2- YR	254 SF	2.54
NURSERY	277 SF	2.77
3-5	386 SF	3.86
K-2	439 SF	4.39
PRE-SCHOOL	668 SF	6.68
JUNIOR HIGH/HIGH SCHOOL	962 SF	9.62
ADULT EDUCATION	1458 SF	14.58
Grand total: 7	4444 SF	44.44

TOTAL AREA: 4444 SF PARKING SPACES REQUIRED: 44

OCCUPANCY TYPE: GROUP E PARKING RATIO 1:100

Area So	chedule (OFF	FICE)
Name	Area	Parking Ratio

BACKSTAGE 2	363 SF	1.45
BBACKSTAGE 1	237 SF	0.95
BR	78 SF	0.31
BR	132 SF	0.53
BR	56 SF	0.22
BR	57 SF	0.23
BR	89 SF	0.35
BREAKRM	370 SF	1.48
CHECK-IN	18 SF	0.07
HALL	789 SF	3.16
M	220 SF	0.88
OFFICES	1427 SF	5.71
PRAYER	148 SF	0.59
SOUND RM	151 SF	0.6
STORAGE	255 SF	1.02
W	220 SF	0.88
0 11 1 10	1010.05	40.44

Grand total: 19 4610 SF 18.44

TOTAL AREA: 4611 SF PARKING SPACES REQUIRED: 18

OCCUPANCY TYPE B PARKING RATIO 1:250

TOTAL PARKING REQUIRED: 156 TOTAL PARKING AVAILABLE: 156

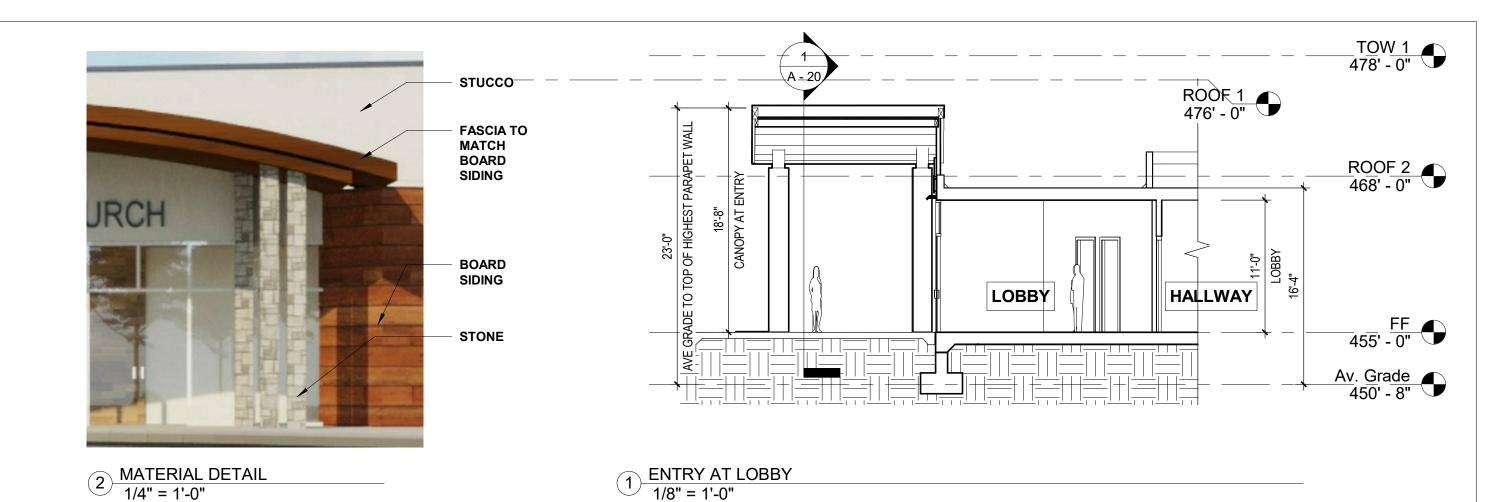
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STANDING SEAM METAL ROOF B.O.D. SHEFFIELD METALS INTERNATIONAL, SLATE GRAY



METAL COPING B.O.D. CRL- US ALUMINUM CW20122 FACE CAP, BRONZE BLACK ANODIZED



WHITE CEMENT BOARD B.O.D. ALLURA TRADITIONAL LAP SIDING, SNOW



WOOD FASCIA, TYP. B.O.D. Allura Trim, Maple



WOOD CEMENT BOARD B.O.D. ALLURA TRADITIONAL LAP SIDING, MAPLE



STONE VENEER
B.O.D. PROVIA FERNWOOD NATURAL CUT STONE VENEER; GRAY

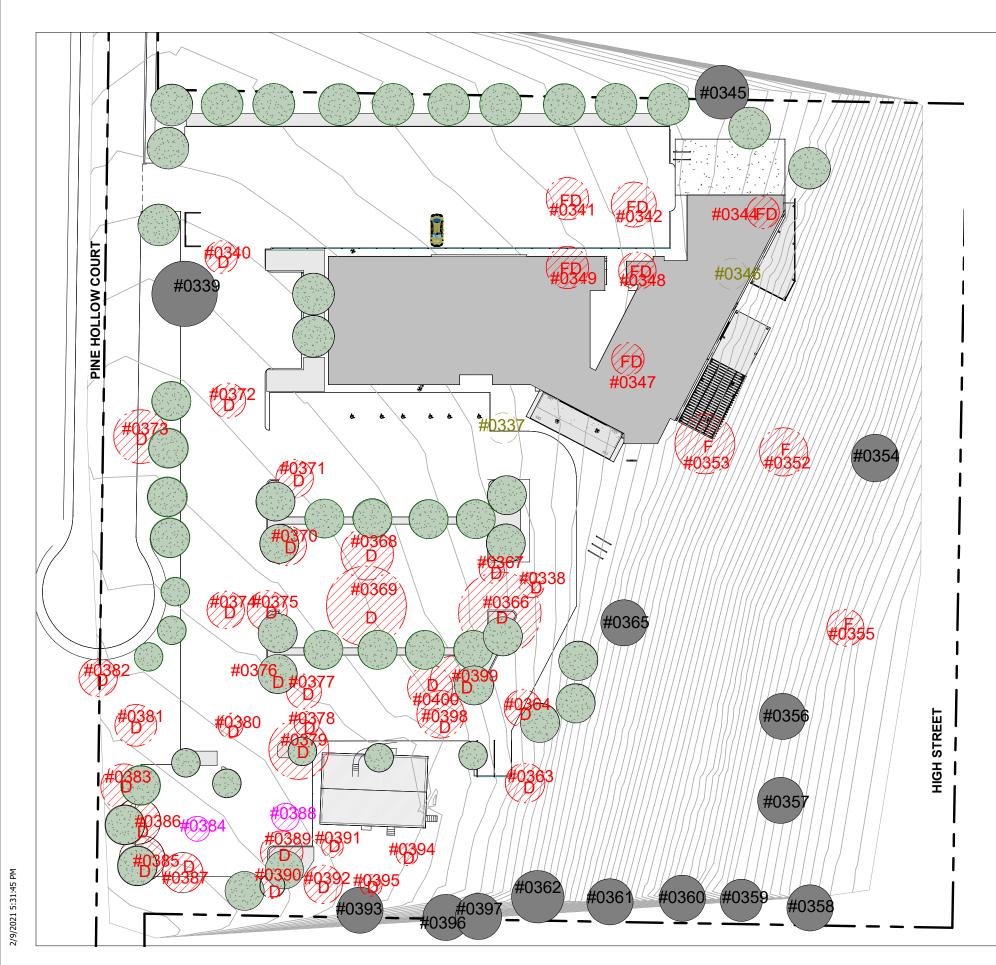


DECKING B.O.D. TREXSELECT WOODLAND, BROWN

STUCCO B.O.D. Sherwin Williams Smooth Stucco, Greek Villa #7551







SHEET NOTES:

- 1. Trees existing to remain (14): 339, 345, 354, 365, 356, 357, 358, 359, 360, 361, 362, 396, 397, 393
- 2. Remove weeds (2): 346, 337
- Remove trees due to fire damage (9): 341, 342, 344, 349, 348, 347, 353, 352, 355
- 4. Trees that burned from fire (3): 343, 350, 351
- 5. Trees that are missing (6): 56, 54, 52, 51, 62, 63 because they were on an old report but our arborist couldn't account for those trees on the site
- 6. Removing because of Development (35): 338, 340, 372, 373, 371, 370, 338, 368, 369, 375, 374, 376, 377, 378, 379, 380, 381, 382, 383, 385, 386, 387, 389, 391, 390, 392, 394, 395, 363, 364, 398, 399, 400, 366, 367
- Trees that are dead (2): 388, 384
- 8. New trees: 52
- 9. Refer to Landscape Drawing L-01 for further planting information
- 10. Cummulative tree trunk area removed 1338.1 inches

LEGEND

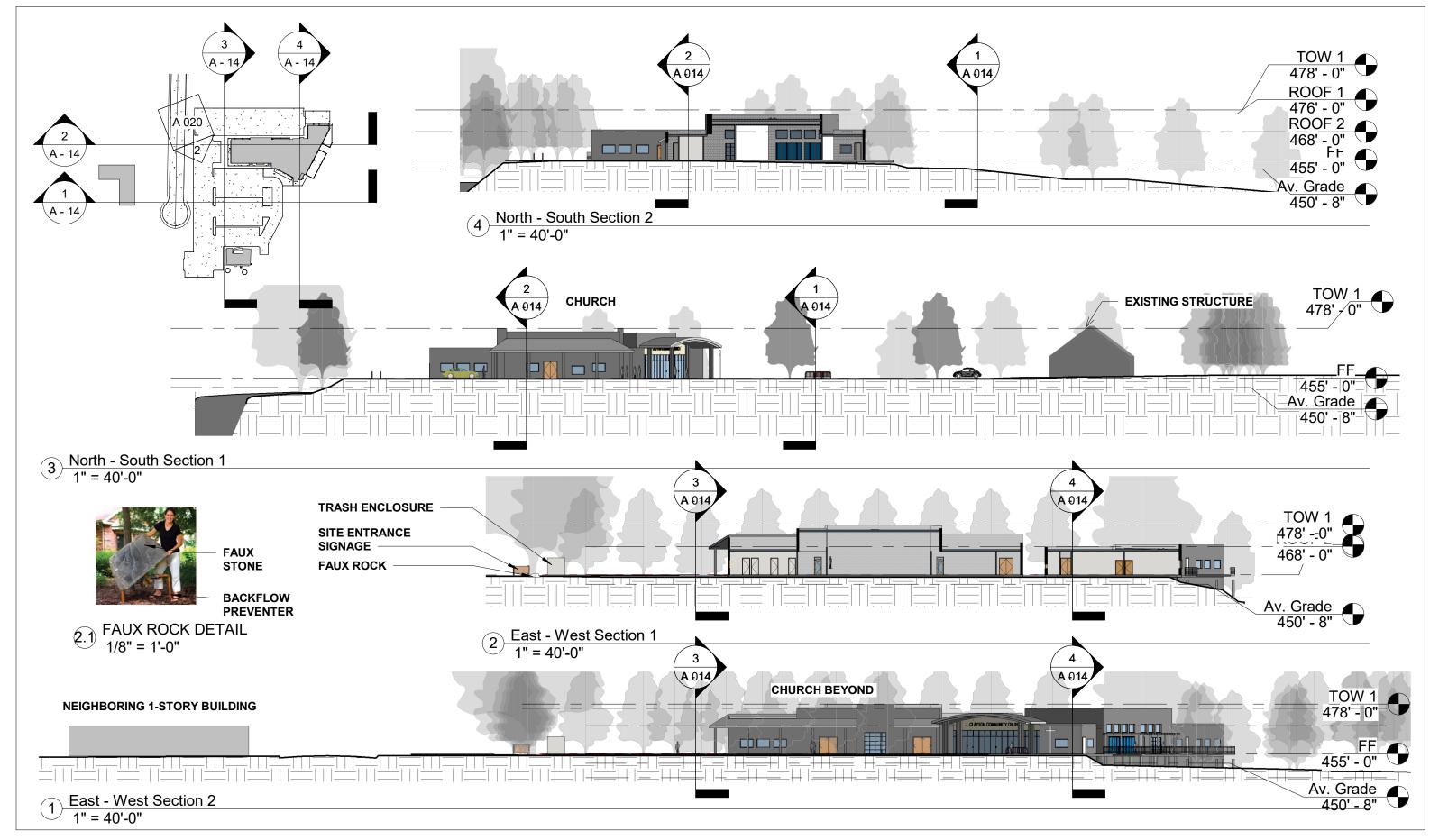
- DEMO TREE -FIRE DAMAGE
- DEMO TREE -DEVELOPMENT
- DEMO TREE -DEAD
- NEW ADDED TREE
- EXISTING TREE TO REMAIN
- REMOVE WEEDS

#0000 TREE IDENTIFICATION



TREE PLAN

REVISED: FEB 09, 2021 DEC 11, 2020





SITE SECTIONS

REVISED: DEC 23, 2020 DEC 11, 2020

REVISED: FEB 09, 2021

Clayton Community Church
1027 Pine Hollow Court Clayton CA 94517
As indicated

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EXISTING FENCE TYPES



Fence Type 1 - Wood frame and metal Screen Location: Along Pine Hollow Court Height: 5 feet Proposed: Demo for new road construction (SEE DEMO PLAN)



Fence Type 3 - Metal post and screen Location: Hillside Height: 4 feet Proposed: Remain as is



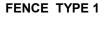
Fence Type 5 - Metal chain link
Location: Northwest corner alonhg Pine Hollow
Court
Height: 6 feet
Proposed: Demo for expanded road construction
(SEE DEMO PLAN)



Fence Type 2 - Metal chain link
Location: Along North edge of property
by school
Height: 6 feet
Proposed: Remain as is

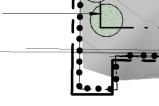


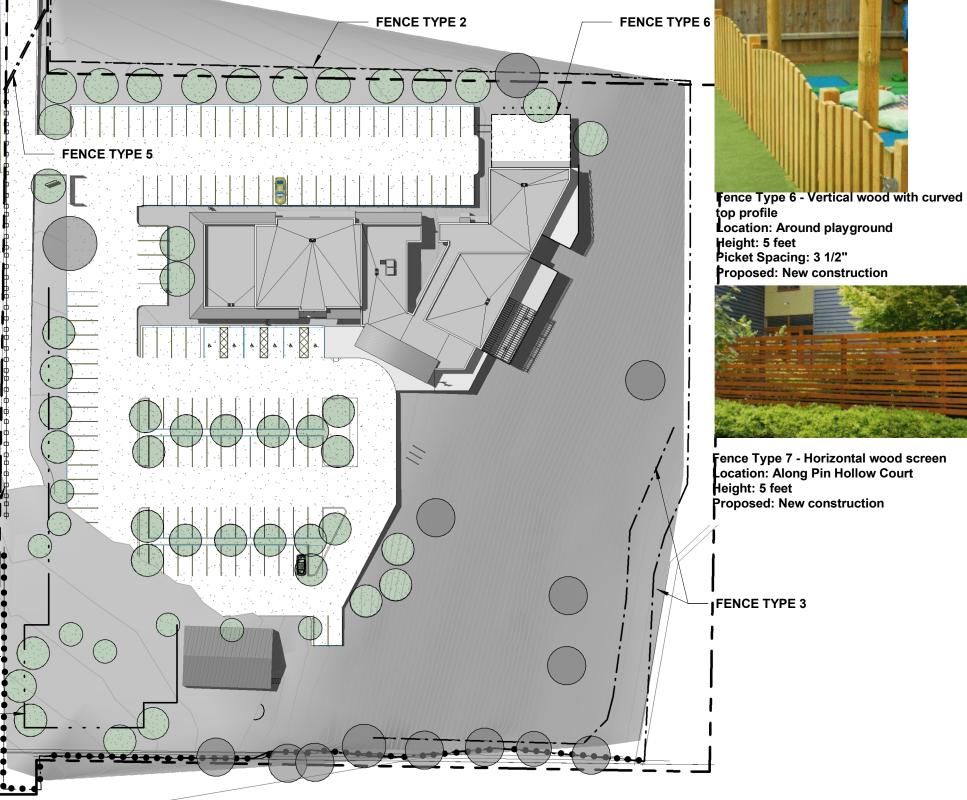
Fence Type 4
Location: Along private driveway
Height: 5 feet
Proposed: Remain as is





FENCE TYPE 7







NEW FENCE TYPES

KEY NOTES:

As listed in 17.28.100 Open Space section B Part 1 - The topography of the site is a limiting factor for this property which prohibits the opportunity to make at least half of the open space active.

This design has made a significant effort to create active open space while still meeting the parking requirements which consumes the majority of the unsloped area on the parcel.

LEGEND

PASSIVE OPEN SPACE 77380SF **ACTIVE OPEN** SPACE 12390SF







A - 16







KEY NOTES:

- Wood deck with portico
- 2. Covered porch with seating
- 3. Plaza with benches
- Outdoor tables & chairs
- 5. Expanded road and side walkfull length of court
- Bicycle parking
- Childrens playground

LEGEND

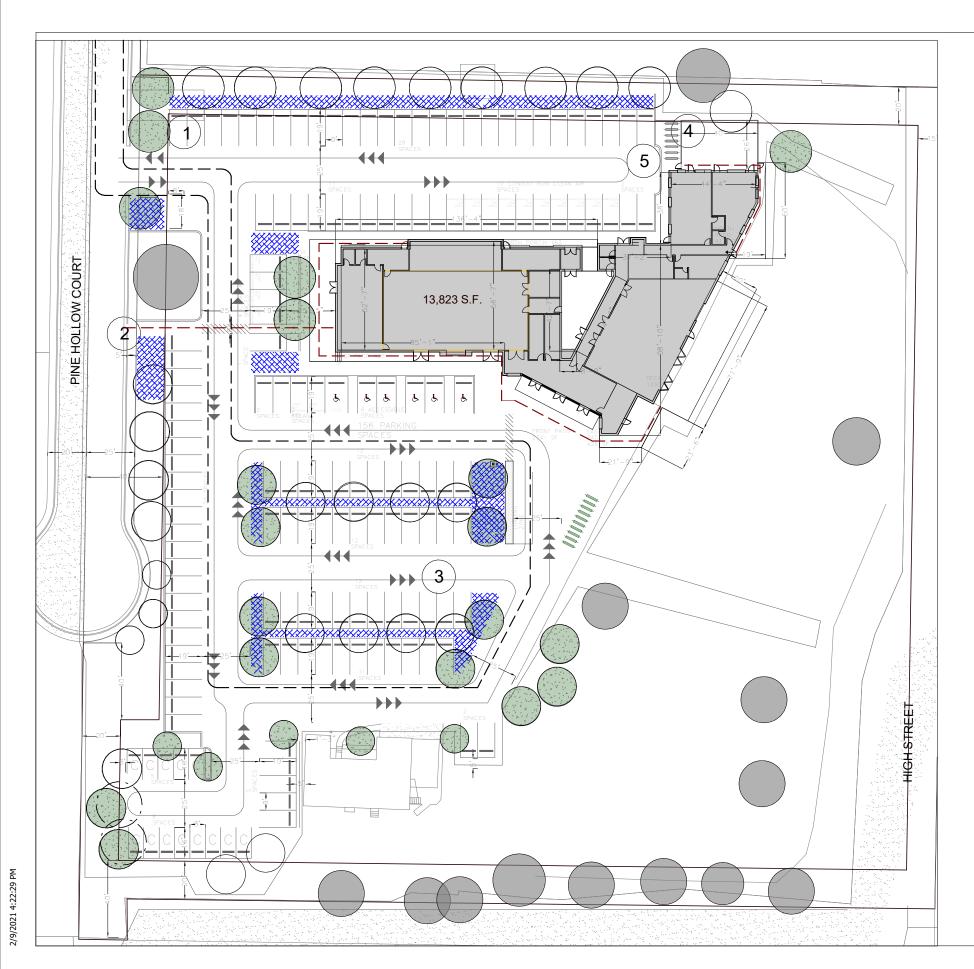
- Street Improvements, overflow parking, & turn around for Mt. Diablo Elementary School traffic & Community benefit
- Facilities & amenities for Public use & benefit





Clayton Community Church 1027 Pine Hollow Court Clayton CA 94517 As indicated

DEC 11, 2020



SHEET NOTES:

- Main vehicular and bicycle entrance
- Road widened to standard 2-lane width 2. with complete turn around at the end
- Lots of overflow parking for school traffic to offer relief to neighborhood congestion
- Bicycle parking
- Stamped concrete walkway 5ft wide

LEGEND

Vehicular Circulation

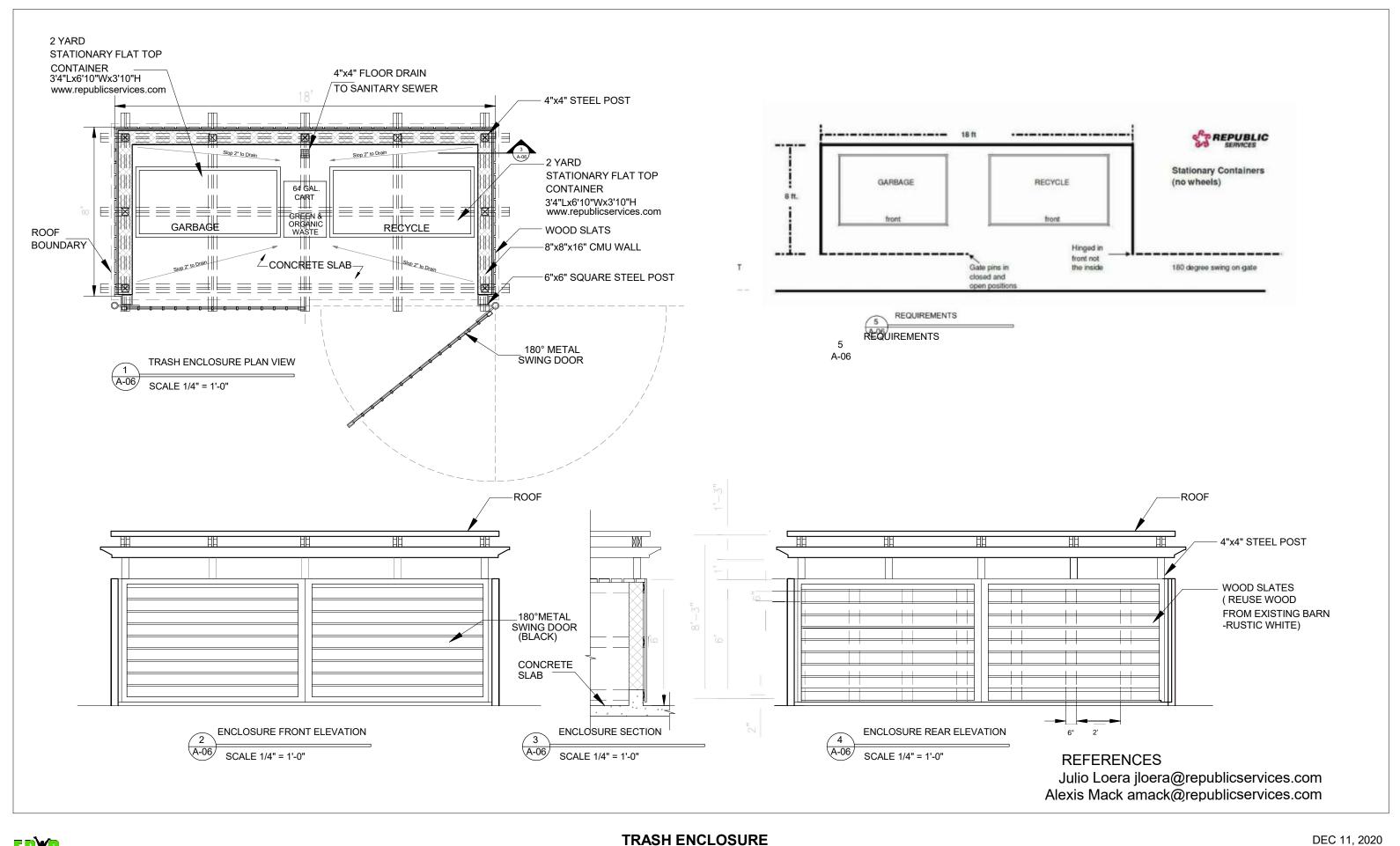
Bike Route

Pedestrian Path



As indicated

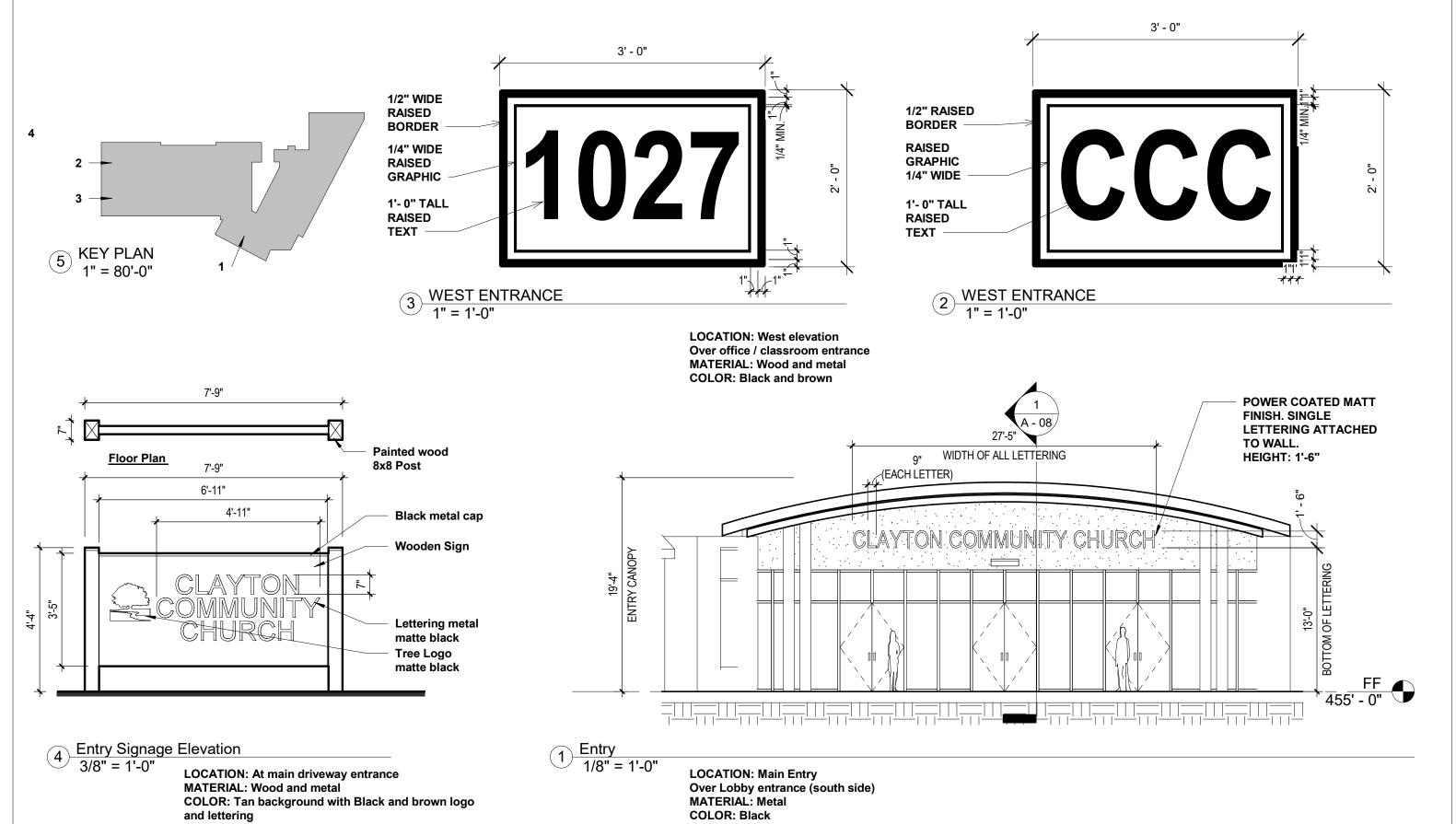




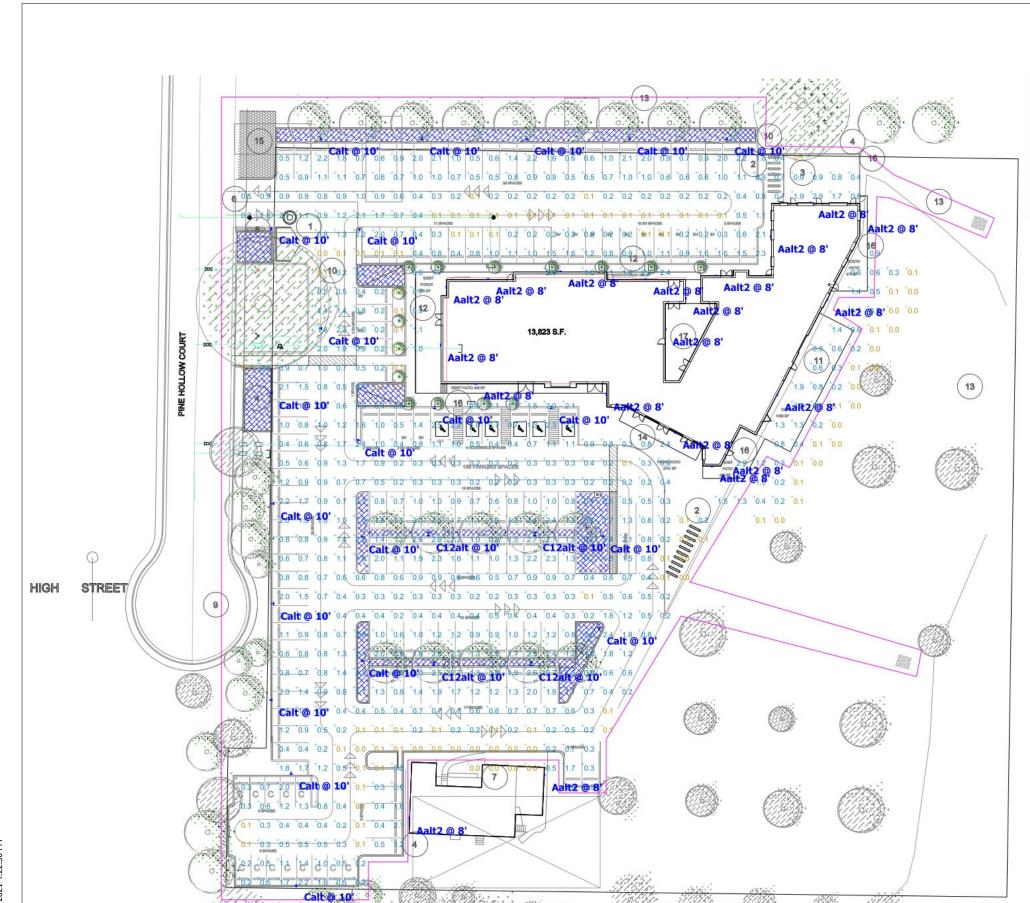


DEC 11, 2020









Symbol		Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumen Multiplie	ше	Wattage	Efficiency
	Calt	Lithonia Lighting	DSXWPM LED 10C 700 30K T5M MVOLT HS	DSXWPM LED WITH (1) 10 LED LIGHT ENGINES, TYPE TSM OPTIC, 3000K, @ 700mA WITH HOUSE-SIDE SHIELDS.	LED	1	DSXWPM_LED_ 10C_700_30K_ T5M_MVOLT_H S.ies	1	0.9	26.2	100%
	C12al	Lithonia Lighting	DSXWPM LED 10C 530 30K TSM MVOLT	DSXWPM LED WITH (1) 10 LED LIGHT ENGINES, TYPE T5M OPTIC, 3000K, @ 530mA.	LED	1	DSXWPM_LED_ 10C_530_30K_ T5M_MVOLT.ies	1	0.9	38.2	100%
	Aalt2	Lithonia Lighting	DSXW1 LED 10C 530 30K T3M MVOLT HS	DSXW1 LED WITH (1) 10 LED LIGHT ENGINES, TYPE T3M OPTIC, 3000K, @ 530mA WITH HOUSE-SIDE SHIELDS.	LED	1	DSXW1_LED_1 OC_530_30K_T 3M_MVOLT_HS. ies	1	0.9	19.1	100%

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Area	+	0.8 fc	2.9 fc	0.0 fc	N/A	N/A

NOTE

- 1. THIS PHOTOMETRICS LAYOUT WAS CALCULATED USING SPECIFIC CRITERIA, ANY DEVIATION FROM STATED PARAMETERS WILL AFFECT ACTUAL PERFORMANCE.
- 2. THESE CALCULATIONS ARE BASED ON LISTED FIXTURES ONLY. SUBSTITUTION OF THESE FIXTURES VOIDS ALL CALCULATIONS.
- ${\bf 3}.$ ALL SUBSTITUTIONS REQUIRE NEW CALCULATIONS BASDED ON THE FIXTURES SUPPLIED.
- **4.**ACUITY BRANDS LIGHTING RESERVES THE RIGHT TO WITHDRAW THESE CALCLATIONS FROM THE PUBLIC RECORD IF THE PRODUCT SPECIFIED ON THESE PLANS IS SUBSTITUTED.
- **5.** CUSTOM LUMEN OUTPUTS BASED ON LAMP LUMEN MULTIPLIER AND AVAILABLE FIXTURE OPTIONS.







Type "Aalt2"

Great Price. Proven Performance.

Lithonia Lighting has developed a pole mount version of the high performing D-Series wall mount luminaire to create a lower cost 250W metal halide replacement. With the D-Series DSXWPM LED, you don't have to sacrifice performance for price.

Key Features:

- Energy savings up to 75% vs. comparable metal halide luminaires; saves more than \$97 per luminaire, per year over 250W metal halide
- Proprietary precision optics deliver exceptional uniformity and allow increased spacing, resulting in fewer poles and lower overall cost
- Easy to install. Mounts to all existing drill hole patterns (round or square poles)
- Optional passive infrared motion sensor with adjustable bi-level dimming
- 20+ years expected service life (with lumen maintenance of L88/100,000 hours)
- Optional diffuse optics reduce pixilation and create soft. comfortable illumination while maintaining listing on the DesignLights Consortium® (DLC) qualified product list.

Learn more about our outdoor solutions at www.acuitybrands.com





Quick Facts:

- Replaces up to 250W metal halide luminaires
- Lumen packages from 797 8,335 lumens
- Efficacies up to 136 lumens per watt
- 12 photometric distributions available
- Available in 3000K, 4000K & 5000K CCT and amber LFDs
- Best-in-class Category C surge protection





D-Series LED Area Luminaire

Top of Pole

Mounts to all existing drill hole patterns for round or square poles.

Universal Mounting Adapters

Calt Cut Sheet

700 700 mA 50K 5000K T3S Type III short 208

1000 1000 mA AMBPC Amber T3M Type III medium 240

phosphor converted T4M Type IV medium 277

TFTM Forward throw medium 480

Type V short

T5A TYPEV AREA

T5W Type V wide

ASYDF Asymmetric

SYMDF Symmetric diffuse

DSXWPM LED

Drilling

- Weight: 16 lbs; EPA: 0.8 ft²





EXAMPLE: DSXWPM LED 20C 1000 40K T5M MVOLT SPUMBA DDBX

Voltage Mounting

RPUMBA Round pole PIR

adapter

universal

DM19AS Single Unit DM28AS 2 at 180°

Example: SSA 20 4C DM19AS DDBXD

mounting

PUMBA Square and PIR1FC3V Motion/ambient se

PIRH1FC3V Motion/ambient s

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory
DSXWDDL U	Diffused drop lens

SXWHS U	House-side shield (one per light engine)
SXWBSW U	Bird-deterrent spikes
SXW1WG U	Wire guard accessory
SXW1VG U	Vandal guard accessory
SXWDDLU	Diffused drop lens

(120, 277, 347V) DBLXD Black

DF Double fire

WG Wire guard

VG Vandal guard

(208, 240, 480V)

HS House-side shield

DNAXD Natural

DWHXD White

DSSXD Sandston

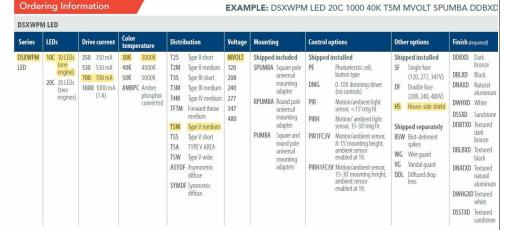
DDBTXD Textured

DBLBXD Textured

DWHGXD Textured

aluminu

D-Series LED Area Luminaire



Drilling



Bird-deterrent spikes DSXW1WG U Wire guard accessory DSXW1VG U Vandal guard accessor DSXWDDL U Diffused drop lens

Universal Mounting Adapters









Please use the spec sheet at www.acuitybrands.com when ordering to ensure component compatibility for your desired configuration.





DSXWPMIED

C12alt Cut Sheet

Outdoor

AcuityBrands.

View from end of court



View from across the street

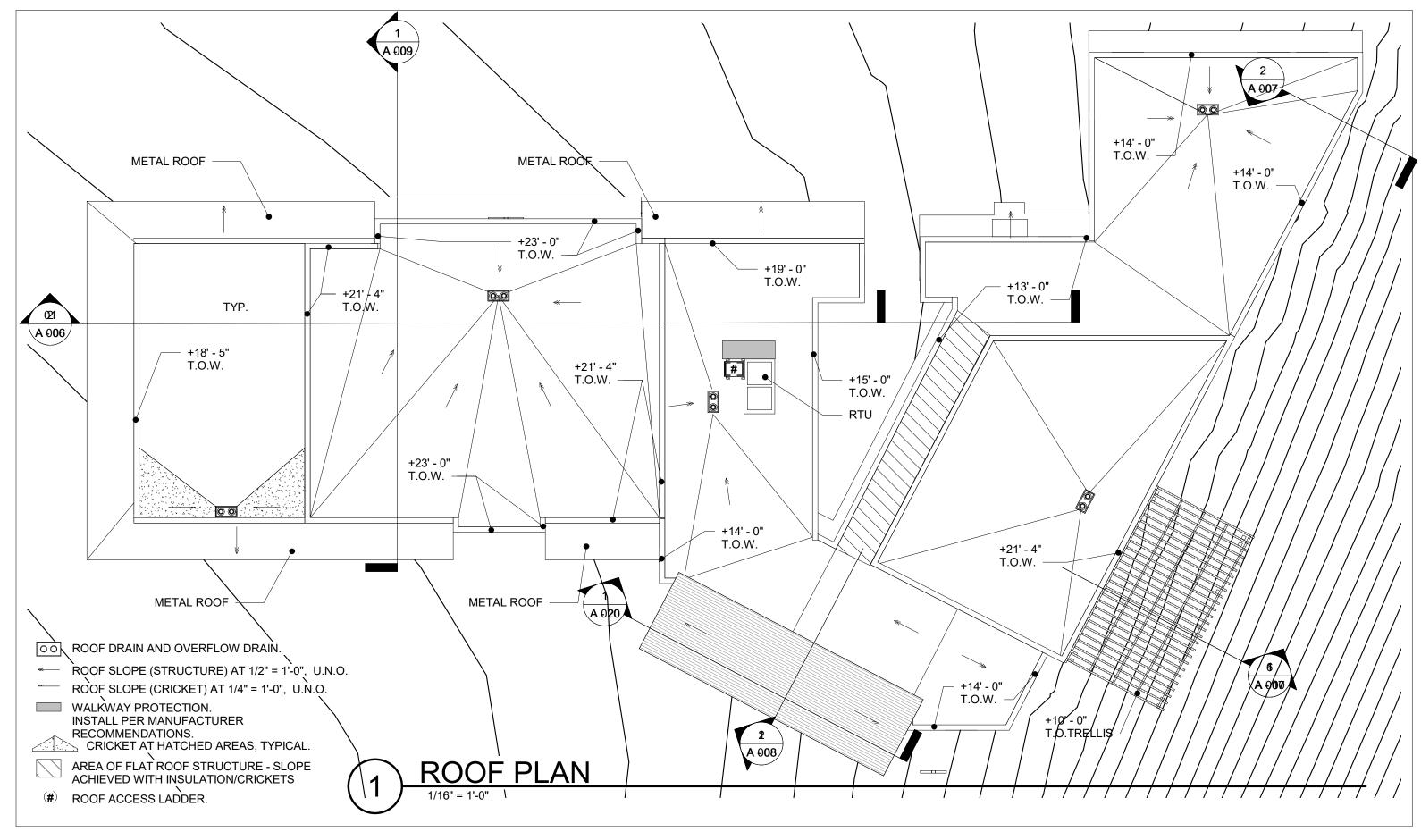


View from Pine Hollow Court



View from bottom of hill







ROOF PLAN

REVISED: FEB 09, 2021 DEC 11, 2020



REVISED: DEC 22, 2020 DEC 11, 2020

